

## METHOD AND APPARATUS FOR DETECTING HIGH-ENERGY RADIATION USING A PULSE MODE ION CHAMBER

### **Abstract**

A method for measuring high-energy radiation includes applying a voltage pulse to electrodes in an ion chamber filled with a gas capable of forming charged ions by the high-energy radiation; measuring an ion current signal related to ion currents induced by the voltage pulse; and determining a magnitude of the high-energy radiation based on the ion current signal.

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